

Table 4. Minimum Significant Differences for 2001 Above/Below Tests

| STATIONS | SPECIES | N | TCDDw ppt | %bg | TCDFw ppt | %bg | DTEow ppt | %bg | TCDDL ppt | %bg | TCDFL ppt | %bg | DTEoL ppt | %bg |
|-------------|---------|----|--------------|-------------|--------------|--------------|--------------|-------------|--------------|-------------|--------------|------------|--------------|-------------|
| FISH | | | | | | | | | | | | | | |
| ARY/ALV | SMB | 10 | 0.19 | 380 | 2.22 | 308.3 | 0.59 | 590 | 13.42 | 133 | 169 | 141 | 28 | 162 |
| | | 20 | 0.14 | 280 | 1.57 | 218.1 | 0.42 | 420 | 9.49 | 94 | 120 | 100 | 19.7 | 114 |
| | sSMB | 10 | 0.16 | 320 | 2.09 | 290.3 | 0.37 | 370 | 4.75 | 47 | 155 | 129 | 17 | 98 |
| | | 20 | 0.12 | 240 | 1.48 | 205.6 | 0.26 | 260 | 3.36 | 33 | 109 | 91 | 12 | 69 |
| | WHS | 10 | 0.1 | 200 | 4.04 | 918.2 | 0.75 | 1071 | 2.9 | 106 | 35.5 | 159 | 9 | 265 |
| | | 20 | 0.07 | 140 | 2.86 | 650 | 0.53 | 757 | 2.05 | 75 | 25.1 | 113 | 6.7 | 197 |
| KNW/KFF | BNT | 5 | 1.08 | 2160 | 1.65 | 471.4 | 1.25 | 1786 | 19.5 | 1140 | 29.7 | 263 | 21.6 | 1014 |
| | | 10 | 0.76 | 1520 | 1.17 | 334.3 | 0.89 | 1271 | 13.8 | 807 | 21 | 186 | 15.3 | 718 |
| | SMB | 10 | 0.08 | 160 | 0.55 | 63 | 0.12 | 120 | 12 | 151 | 40.1 | 34 | 12.6 | 94 |
| | | 20 | 0.06 | 120 | 0.39 | 45 | 0.09 | 90 | 8.45 | 106 | 28.4 | 24 | 8.9 | 66 |
| | WHS | 10 | 0.12 | 240 | 0.59 | 140.5 | 0.19 | 380 | 2.42 | 86 | 12.7 | 60 | 3.4 | 142 |
| | | 20 | 0.08 | 160 | 0.42 | 100 | 0.14 | 280 | 1.71 | 61 | 9 | 42 | 2.4 | 100 |
| PBW/PBL | SMB | 10 | 0.14 | 280 | 0.47 | 81.03 | 0.18 | 164 | 16.3 | 133 | 61.6 | 50 | 15 | 71 |
| | | 20 | 0.1 | 200 | 0.33 | 57 | 0.13 | 118 | 11.5 | 93 | 43.6 | 35 | 10.5 | 50 |
| | WHS | 10 | 0.15 | 300 | 0.65 | 144.4 | 0.24 | 267 | 1.37 | 51 | 12.3 | 54 | 1.74 | 39 |
| | | 20 | 0.1 | 200 | 0.46 | 102.2 | 0.17 | 189 | 0.97 | 36 | 8.7 | 38 | 1.23 | 28 |
| PBC/PBV | SMB | 5 | 0.19 | 380 | 0.54 | 93 | 0.26 | 236 | 16.3 | 133 | 178 | 145 | 33.6 | 158 |
| | | 10 | 0.14 | 280 | 0.38 | 66 | 0.18 | 164 | 11.5 | 94 | 126 | 102 | 23.8 | 112 |
| PWD/PWB | SMB | 5 | | | 0.54 | 81 | 0.09 | 90 | 38.7 | 235 | 259 | 124 | 30.5 | 96 |
| | | 10 | | | 0.38 | 57 | 0.07 | 70 | 27.4 | 166 | 183 | 88 | 21.6 | 68 |
| mean | SMB | 10 | 0.14 | 275 | 0.80 | 115 | 0.23 | 221 | 16.12 | 135 | 115.94 | 83 | 20.20 | 101 |
| | | 20 | 0.10 | 200 | 0.76 | 107 | 0.21 | 209 | 9.81 | 98 | 64.00 | 53 | 13.03 | 77 |
| | sSMB | 10 | 0.16 | 320 | 2.09 | 290.3 | 0.37 | 370 | 4.75 | 47 | 155 | 129 | 17 | 98 |
| | | 20 | 0.12 | 240 | 1.48 | 205.6 | 0.26 | 260 | 3.36 | 33 | 109 | 91 | 12 | 69 |
| | WHS | 10 | 0.12 | 247 | 2 | 401 | 0 | 573 | 2 | 81 | 20 | 91 | 5 | 148 |
| | | 20 | 0.08 | 167 | 1 | 284 | 0 | 409 | 2 | 57 | 14 | 64 | 3 | 108 |